

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE **RECEIVED**  
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JUL 28 2005

Applicants: Danny S. Barlow

Title: SELF-ADJUSTING SCHMITT TRIGGER

Application No.: 10/815,403

Filing Date: March 31, 2004

Examiner: My Trang Ton

Group Art Unit: 2816

Docket No.: M-15325 US

Confirmation No. 7974

Irvine, California  
July 28, 2005Via Facsimile to (571) 273-8300Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**CERTIFICATION OF FACSIMILE TRANSMISSION**I hereby certify that the following documents are being facsimile transmitted to the  
U.S. Patent and Trademark Office on the date shown below:

- 1) Amendment Transmittal Letter; and
- 2) Response to Office Action, including Replacement Sheets (4)

Dated: 7-28-, 2005  
Sandra L. CarrNumber of pages (including this sheet): 20MacPherson Kwok Chen & Heid LLP  
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July 28, 2005

**Via Facsimile to (571) 273-8300**

Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: Applicants: Danny S. Barlow  
Title: Self-Adjusting Schmitt Trigger  
Application No.: 10/815,403 Filing Date: March 31, 2004  
Examiner: My Trang Ton Group Art Unit: 2816  
Docket No.: M-15325 US Confirmation No.: 7974

Dear Sir:

Transmitted herewith is an Amendment for the above-identified application:

- ☐ Applicant claims SMALL ENTITY
- ☒ APPLICANT(S) PETITIONS FOR AN EXTENSION OF TIME AS INDICATED BELOW:

EXTENSION (months)		FEE FOR SMALL ENTITY		FEE FOR LARGE ENTITY
1 month	<input type="checkbox"/>	\$60.00	<input checked="" type="checkbox"/>	\$120.00
2 months	<input type="checkbox"/>	\$225.00	<input type="checkbox"/>	\$450.00
3 months	<input type="checkbox"/>	\$510.00	<input type="checkbox"/>	\$1,020.00
4 months	<input type="checkbox"/>	\$795.00	<input type="checkbox"/>	\$1,590.00
5 months	<input type="checkbox"/>	\$1,080.00	<input type="checkbox"/>	\$2,160.00

- ☒ If an additional extension of time is required, please consider this a petition therefor.

**THE FEES FOR CLAIMS HAS BEEN CALCULATED AS SHOWN BELOW:**

Total Claims	20	-	20	=	0	x	\$50.00	\$0.00
Independent Claims	3	-	3	=	0	x	\$200.00	\$0.00
Multiple Dependent Claims	\$360	(if applicable)					<input type="checkbox"/>	\$0.00
<b>Total Claim Calculations</b>								\$0.00
Reduction by 1/2 for Claiming Small Entity Status.							<input type="checkbox"/>	\$0.00
<b>TOTAL CLAIM FEES SUBMITTED HEREWITH</b>								\$0.00
XX	Please charge the fees set forth above to our Deposit Account No. 50-2257 in the amount of							\$120.00
XX	Also, charge any additional fees required and credit any overpayment to our Deposit Account No. 50-2257							

**Certification of Facsimile Transmission**

I hereby certify that this paper is being facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

*Sandra R. Clark* July 28, 2005  
Date of Signature

Respectfully submitted,

*Jonathan W. Hallman*  
Jonathan W. Hallman  
Attorney for Applicants  
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Tel.: (949) 752-7040

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JUL 29 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICERECEIVED  
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JUL 28 2005

Applicant(s): Danny S. Barlow  
Assignee: Lattice Semiconductor Corporation  
Title: Self-Adjusting Schmitt Trigger  
Serial No.: 10/815,403 Filing Date: March 31, 2004  
Examiner: Ton, My Trang Group Art 2816  
Unit:  
Docket No.: M-15325 US

Irvine, California  
July 28, 2005

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION

Dear Sir:

In response to the Office Action dated April 4, 2005, Applicants submit the following amendments and remarks.

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-1-

Serial No. 10/815,403